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## (54) PLASMA DISPLAY PANEL. ITS DRIVING METHOD. AND PLASMA DISPLAY DEVICE

## (57) Abstract:

PROBLEM TO BE SOLVED: To provide a high picture quality, more specifically high definition, gradation and brightness, enhanced display quality, and high contrast. SOLUTION: An electrode driving circuit performs interlaced scanning so that the oddand even-numbered lines of surface-discharge electrode spacings Li to L8 have their maintaining pulse voltage waveforms set in opposite phase to each other. Thus, when either the odd- or even-numbered line is displayed, the voltage applied to the other electrode spacing becomes zero, eliminating the need to provide bulkheads over the surface-discharge electrodes. As the surface-discharge electrodes, an X (X1 to X5) electrode is placed on each side of a Y (Y1 to Y4) electrode, and the display line of an odd numbered frame is set between the Y electrode and the X electrode on one side and supplied with a maintaining pulse while the display line of an even- numbered frame is set between the Y electrode and the X electrode on the other side and supplied with a maintaining pulse. Blind lines are set at every other spacing between the surface-discharge electrodes, and at the blind lines, light emitted from a discharge is blocked or external light is absorbed. A plurality of address electrodes are arranged on one line of picture elements and are selectively connected to a pad theroon so that a plurality of the lines can be selected simultaneously.

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